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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

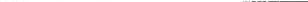
Attorney Docket No.	1689.0260000
First Inventor	Wayne E. Shanks
Title	<i>Method, System, and Apparatus for Communicating with a RFID Tag Population</i>
Express Mail Label No.	

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>		ADDRESS TO:
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i></p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>136</u>] <i>(preferred arrangement set forth below)</i> - Descriptive title of the Invention - Cross Reference to Related Applications - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (<i>if filed</i>) - Detailed Description - Claim(s) - Abstract of the Disclosure </p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>55</u>] 5. Oath or Declaration [Total Pages <u>4</u>] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).</p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76.</p>		Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i></p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i></p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p>		
 ACCOMPANYING APPLICATION PARTS		
<p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i></p> <p>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcards (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input checked="" type="checkbox"/> Other: <u>Authorization under 37 C.F.R. § 1.136(a)(3)</u> <input checked="" type="checkbox"/> Other: <u>The name of the assignee is: Matrics, Inc.</u></p>		
<p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-Part (CIP) Prior application information: Examiner _____</p> <p>of prior application No: _____ / _____ Group/Art Unit: _____</p> <p>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>		



19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label		<input type="checkbox"/> Correspondence address below		
Customer No. 26111	26111 <i>(Insert Customer No. to attach barcode label here)</i>			
NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. Attorneys at Law			
ADDRESS	1100 New York Ave. NW Ste. 600			
CITY	Washington	STATE	DC	ZIP CODE
COUNTRY		TELEPHONE		FAX

<i>NAME (Print/Type)</i>	Jeffrey S. Weaver	<i>Registration No. (Attorney/Agent)</i>	45,608
<i>SIGNATURE</i>			<i>Date</i> 2-12-02

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.
SKGF Rev 3/29/01 mac 026-0SB05

026-0SB05

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 410.00)

Complete if Known

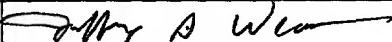
Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Wayne E. Shanks
Examiner Name	To Be Assigned
Group Art Unit	To Be Assigned
Attorney Docket No.	1689.0260000/RES/JSW

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)					
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:		3. ADDITIONAL FEES Large Entity Small Entity					
Deposit Account Number	19-0036	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
Deposit Account Name	Sterne, Kessler, Goldstein & Fox P.L.L.C.	105	130	205	65	Surcharge - late filing fee or oath	
<input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17		127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
<input checked="" type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27		139	130	139	130	Non-English specification	
<input checked="" type="checkbox"/> Payment Enclosed:		147	2,520	147	2,520	For filing a request for ex parte reexamination	
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other*		112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION							
I. BASIC FILING FEE							
Large Entity Fee Code (\$)	Entity Fee (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid			
101	740	201	370	\$370.00			
106	330	206	165	Design filing fee			
107	510	207	255	Plant filing fee			
108	740	208	370	Reissue filing fee			
114	160	214	80	Provisional filing fee			
SUBTOTAL (1) (\$ 370.00)							
2. EXTRA CLAIM FEES							
Large Entity Fee Code (\$)	Entity Fee (\$)	Small Entity Fee Code (\$)	Extra Fee from below	Fee Paid			
Total Claims	18	- 20** =	0	X		=	0
Indep. Claims	2	- 3** =	0	X		=	0
Multiple Dependent							
0		0		=	0		
Large Entity Fee Code (\$)	Entity Fee (\$)	Small Entity Fee Code (\$)	Fee Description				
103	18	203	9	Claims in excess of 20			
102	84	202	42	Independent claims in excess of 3			
104	280	204	140	Multiple dependent claim			
108	84	209	42	**Reissue independent claims over original patent			
110	18	210	9	**Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$ 0)							
*Reduced by Basic Filing Fee Paid							
SUBTOTAL (3) (\$ 40.00)							

** or number previously paid, if greater. For Reissues, see above

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Jeffrey S. Weaver	Registration No (Attorney/Agent)	45,608	Telephone	202-371-2600
Signature			Date	Z-12-02	

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SKGP Rev. 10/01/01 mmac

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*LIMITED TO MATTERS
AND PROCEEDINGS BEFORE
FEDERAL COURTS & AGENCIES
**REGISTERED PATENT AGENT
***SENIOR COUNSEL

February 12, 2002

WRITER'S DIRECT NUMBER:

(202) 218-7831

INTERNET ADDRESS:

JWEAVER@SKGF.COM

Commissioner for Patents
Washington, D.C. 20231

Box Patent Application

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)
Appl. No. *To Be Assigned*; Filed: *Herewith*
For: **Method, System, and Apparatus for Communicating with a RFID Tag Population**
Inventors: Shanks *et al.*
Our Ref: 1689.0260000/RES/JSW

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Fee Transmittal (Form PTO/SB/17);
2. USPTO Utility Patent Application Transmittal Form PTO/SB/05;
3. U.S. Utility Patent Application entitled:

Method, System, and Apparatus for Communicating with a RFID Tag Population

Commissioner for Patents
February 12, 2002
Page 2

and naming as inventors:

Wayne E. Shanks
William R. Bandy
Kevin J. Powell
Michael R. Arneson

the application comprising:

- a. specification containing:
 - i. 131 pages of description prior to the claims;
 - ii. 4 pages of claims (18 claims);
 - iii. a one (1) page abstract;
 - b. 55 sheets of drawings: (Figures 1-11, 12A-12D, 13, 14A-14B, 15A-15B, 16, 17A-17B, 18-20, 21A-21D, 22A-22B, 23A-23B, 24, 25A-25D, 26A-26B, 27, 28A-28F, 29-31, 32A-32C, 33A-33B, 34A-34B, 35A-35B, 36A-36C, 37A-37C, 38A-38C, 39, 40A-40B, 41A-41B, 42, 43A-43B, 44-45);
 - c. an original executed Declaration; and
 - d. an Application Data Sheet (37 C.F.R. § 1.76).
4. 37 C.F.R. § 1.136(a)(3) Authorization to Treat a Reply As Incorporating An Extension of Time;
 5. Recordation Form Cover Sheet;
 6. An original executed Assignment to Matrics, Inc., recordation of which is hereby respectfully requested;
 7. Two (2) return postcards; and
 8. Our check number 34161 for \$ 410.00 to cover: \$370.00 filing fee; and \$40.00 assignment recordation fee.

Correspondence should be sent to Customer Number 26111.

Commissioner for Patents
February 12, 2002
Page 3

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jeffrey S. Weaver
Attorney for Applicants
Registration No. 45,608

JSW/asl
Enclosures

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